

# TYPICAL PROPERTIES OF CORK/BUNA

Natrual Cork with a Nitrile Polymer Binder

TYPICAL/PHYSICAL PROPERTIES	UNIT OF MEASURE	TEST METHOD	H35	H45	H55
DENSITY			SOFT	MED	FIRM
	lbs/cu ft	ASTM D3676	33 min	40 min	45 min
	g/L	ASTM D3676	529min	640 min	720 min
COMPRESSION @ 400 PSI	%	ASTM F36	35-45	25-35	15-25
RECOVERY	%	ASTM F36	75 min	75 min	75 min
COMPRESSION SET B 25% DEFLECTION, 22HRS @158°F	%	ASTM D395	80 max	80 max	55 max
TENSILE STRENGTH	PSI	ASTM F152	200 min	250 min	300 min
FLEXIBILITY	FACTOR	ASTM F147	3 max	3 max	3 max
TEMPERATURE RANGE			-40 to +250°F (-40 to +121°C)		
<u>FLUID IMMERSION</u>					
OIL 1 (70 HRS @ 212°F)	%	ASTM F146	-5 to +10	-5 to 10	-5 to +10
OIL 3 (70 HRS @ 212°F)			-2 to +15	+15 to +50	-2 to +15
FUEL A (22 HRS @ 72°F)			-2 to +10	2 to +15	-2 to +10
<u>SPECIFICATIONS:</u>					
AMS / MIL-C-6183B TYPE I OR II			CL 1 GR A	CL 1 GR B	CL 1 GR C
ASTM F104			F227900M1	F226900M2	F224900M2
MIL-G-12803 C			P2246A	P2245A	P2243A
AVAILABLE THICKNESSES			1/32, 3/64, 1/16, 3/32, 1/8, 3/16, 1/4, 5/16, 3/8, 1/2		
SHELF LIFE (When protected from enviromental extremes)			5 YEARS		

This information is furnished as a guide for selecting materials. Manufacturer disclaims liability for results or use of this information.  
It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.

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